

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS FOR INFRARED RADIATION DETECTION

- ☒ the specification of which is attached hereto OR
☐ was filed on _____ as Application Serial No. _____
☐ or PCT International Application Number _____ and was amended on _____
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

3/7

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)
60/445,169	February 5, 2003

As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Karl A. Vick, (Reg. No. 33,288) of General Electric Company, 41 Woodford Avenue, Plainville, CT 06062; Henry J. Policinski, (Reg. No. 26,621); and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Philmore H. Colburn II at Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002, Telephone No. (860) 286-2929.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Theodore J. Krellner

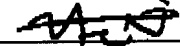
Inventor's signature: _____ Date: _____

Residence: 797 Old West Creek Road, Emporium, PA 15834

Citizenship: United States of America

Post Office Address: 797 Old West Creek Road, Emporium, PA 15834

Full name of second joint inventor: Insik Kim

Inventor's signature:  Date: Jan 27, 2004

Residence: 103-1903, Ssang-Yong Apt., Dang-Dong, Gun-Po-Shi, Kyunggi-Do, Korea, 435-010

Citizenship: Republic of Korea

Post Office Address: 103-1903, Ssang-Yong Apt., Dang-Dong, Gun-Po-Shi, Kyunggi-Do, Korea, 435-010

4/7

Full name of third joint inventor: Hunnam Lim

Inventor's signature:  Date: Jan. 29, 2004

Residence: 2-110 Shingoneduck-dong, Mapo-gu, Seoul, Korea, 121-030

Citizenship: Republic of Korea

Post Office Address: 2-110 Shingoneduck-dong, Mapo-gu, Seoul, Korea, 121-030

Full name of fourth joint inventor: Kyurull Jung

Inventor's signature:  Date: Jan. 29, 2004

Residence: 105-203, Taeyoung-APT, Won-Dong, Osan-Shi, Kyunggi-Do, Korea, 447-726

Citizenship: Republic of Korea

Post Office Address: 105-203, Taeyoung-APT, Won-Dong, Osan-Shi, Kyunggi-Do, Korea, 447-726

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				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

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APPLICATION NUMBER(S)	FILING DATE (day, month, year)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: **Theodore J. Krellner**

Inventor's signature: *Theodore J. Krellner* Date: Jan 22, 2004

Residence: 797 Old West Creek Road, Emporium, PA 15834

Citizenship: United States of America

Post Office Address: 797 Old West Creek Road, Emporium, PA 15834

Full name of second joint inventor: **Insik Kim**

Inventor's signature: _____ Date: _____

Residence: 103-1903, Ssang-Yong Apt., Dang-Dong, Gun-Po-Shi, Kyunggi-Do, Korea, 435-010

Citizenship: Republic of Korea

Post Office Address: 103-1903, Ssang-Yong Apt., Dang-Dong, Gun-Po-Shi, Kyunggi-Do, Korea, 435-010

Full name of third joint inventor: **Hunnam Lim**

Inventor's signature: _____ Date: _____

Residence: 2-110 Shingongduck-dong, Mapo-gu, Seoul, Korea, 121-030

Citizenship: Republic of Korea

Post Office Address: 2-110 Shingongduck-dong, Mapo-gu, Seoul, Korea, 121-030

Full name of fourth joint inventor: **Kyurull Jang**

Inventor's signature: _____ Date: _____

Residence: 105-203, Taeyoung-APT, Won-Dong, Osan-Shi, Kyunggi-Do, Korea, 447-726

Citizenship: Republic of Korea

Post Office Address: 105-203, Taeyoung-APT, Won-Dong, Osan-Shi, Kyunggi-Do, Korea, 447-726